



PORTION DESCRIPTIONS

FROM THE

April 12, 2000

MINERAL LEASE SALE

STATE LEASE NO. 16705
EXHIBIT "A"

PORTION TRACT 32461 - Terrebonne Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 12, 2000, situated in Terrebonne Parish, Louisiana, within the following described boundaries: Beginning at a point on the South line of State Lease No. 16511 having a Coordinate of X = 2,213,128.02; thence Southeasterly on the South line of said State Lease No. 16511 to its Southeast corner, also being a point on the Western boundary of State Lease No. 2620, as amended; thence Southeasterly on the boundary of said State Lease No. 2620 to the most Northerly Northeast corner of State Lease No. 188, as amended; thence along the boundary of said State Lease No. 188 the following courses: West, South and West to a point having a Coordinate of X = 2,213,128.02; thence North approximately 4,316 feet to the point of beginning, **LESS AND EXCEPT** any portion of State Lease No. 188, as amended, State Lease No. 2620, as amended, and State Lease No. 16511 that may lie within the above described tract, containing approximately **442 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16706
EXHIBIT "A"

PORTION OF TRACT 32462 - Lafourche Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 12, 2000, situated in Lafourche Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,351,700.00 and Y = 216,100.00; thence West 3,150.00 feet to a point having Coordinates of X = 2,348,550.00 and Y = 216,100.00; thence North approximately 1,650 feet to a point on the South boundary of State Lease No. 1908, as amended, to a point having a Coordinate of X = 2,348,550.00; thence Easterly approximately 2,725 feet along the South boundary of said State Lease No. 1908 to its Southeast corner; thence Northerly approximately 2,395 feet along the East boundary of said State Lease No. 1908 to a point having a Coordinate of Y = 220,210.00; thence East approximately 650 feet to a point having Coordinates of X = 2,351,700.00 and Y = 220,210.00; thence South 4,110.00 feet to the point of beginning, **LESS AND EXCEPT** that portion of State Lease No. 1908, as amended, that may lie within the above described tract, containing approximately **4.0 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16707
EXHIBIT "A"

PORTION OF TRACT 32463 - Lafourche Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 12, 2000, situated in Lafourche Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,351,700.00 and Y = 212,600.00; thence North 13,500.00 feet to a point having Coordinates of X = 2,351,700.00 and Y = 226,100.00; thence East 10,000.00 feet to a point having Coordinates of X = 2,361,700.00 and Y = 226,100.00; thence South 13,500.00 feet to a point having Coordinates of X = 2,361,700.00 and Y = 212,600.00; thence West 10,00.00 feet to the point of beginning, containing approximately 158 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

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STATE LEASE NO. 16708
EXHIBIT "A"

PORTION OF TRACT 32465 - Lafourche Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 12, 2000, situated in Lafourche Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,351,700.00 and Y = 212,600.00; thence East 10,000.00 feet to a point having Coordinates of X = 2,361,700.00 and Y = 212,600.00; thence South 3,800.00 feet to a point having Coordinates of X = 2,361,700.00 and Y = 208,800.00; thence West 10,000.00 feet to a point having Coordinates of X = 2,351,700.00 and Y = 208,800.00; thence North 3,800.00 feet to the point of beginning, containing approximately 35 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16709
EXHIBIT "A"

PORTION OF TRACT 32466 - Jefferson Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 12, 2000, situated in Jefferson Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,386,000.00 and Y = 317,000.00; thence North 5,000.00 feet to a point having Coordinates of X = 2,386,000.00 and Y = 322,000.00; thence East 4,315.99 feet to a point having Coordinates of X = 2,390,315.99 and Y = 322,000.00; thence South 01 degrees 15 minutes 18 seconds East 5,001.20 feet to a point having Coordinates of X = 2,390,425.54 and Y = 317,000.00; thence West 4,425.54 feet to the point of beginning, containing approximately 179.847 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

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STATE LEASE NO. 16710
EXHIBIT "A"

PORTION OF TRACT 32468 - Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of Mississippi River and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 12, 2000, situated in Plaquemines Parish, Louisiana, within the following described boundaries: That portion of the Mississippi River bounded on the North or upstream by a line having a bearing of North 76 degrees East, passing through a point having Coordinates of X = 2,561,750.00 and Y = 262,350.00, and bounded on the South or downstream by a line having a bearing of South 25 degrees West, passing through a point having Coordinates of X = 2,565,700.00 and Y = 260,200.00, **LESS AND EXCEPT** all that portion of State Lease No. 15498 that may lie within the above described tract, containing approximately **309 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16711

EXHIBIT "A"

PORTION OF TRACT 32469 - Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 12, 2000, situated in Plaquemines Parish, Louisiana, within the following described boundaries: Beginning at the Northwest corner of State Lease No. 16341 having Coordinates of X = 2,505,496.00 and Y = 355,376.00; thence South 01 degrees 44 minutes 23 seconds East 1,588.57 feet along the Western boundary of said State Lease No. 16341 to a point having Coordinates of X = 2,505,544.23 and Y = 353,788.16; thence North 89 degrees 31 minutes 32 seconds West 1,430.28 feet to a point having Coordinates of X = 2,504,114.00 and Y = 353,800.00; thence South 800.00 feet to a point having Coordinates of X = 2,504,114.00 and Y = 353,000.00; thence West 1,821.52 feet to a point on the East boundary of State Lease No. 16567 having Coordinates of X = 2,502,292.48 and Y = 353,000.00; thence North 03 degrees 12 minutes 55 seconds West 918.26 feet along the East boundary of said State Lease No. 16567 to its Northeast corner having Coordinates of X = 2,502,240.97 and Y = 353,916.82; thence Westerly along the boundary of said State Lease No. 16567 approximately 819 feet to its Northwest corner, also being the most Eastern Northeast corner of State Lease No. 1212, as amended; thence Northerly approximately 1,850 feet to the Southeast corner of State Lease No. 16566 having Coordinates of X = 2,501,489.00 and Y = 355,719.00; thence along the East line of said State Lease No. 16566 North 02 degrees 01 minutes 30 seconds East 1,499.94 feet to its Northeast corner having Coordinates of X = 2,501,542.00 and Y = 357,218.00, also being the Southwest corner of State Lease No. 16340; thence along the boundary of said State Lease No. 16340 North 86 degrees 46 minutes 08 seconds East 2,235.55 feet to its Southeast corner having Coordinates of X = 2,503,774.00 and Y = 357,344.00; thence North 86 degrees 44 minutes 45 seconds East 3,294.31 feet to a point having Coordinates of X = 2,507,063.00 and Y = 357,531.00; thence South 01 degrees 13 minutes 39 seconds West 2,114.88 feet to a point on the North boundary of said State Lease No. 16341 having Coordinates of X = 2,507,017.69 and Y = 335,416.61; thence along the boundary of said State Lease No. 16341 South 88 degrees 28 minutes 17 seconds West 1,522.23 feet to the point of beginning, **LESS AND EXCEPT** any portion of State Lease No. 1212, as amended, that may lie within the above described tract, containing approximately 147 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural

STATE LEASE NO. 16712
EXHIBIT "A"

PORTION OF TRACT 32472 - PORTION OF BLOCK 71, CHANDELEUR SOUND AREA, St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on April 12, 2000, situated in St. Bernard Parish, Louisiana, and more particularly described as follows: Beginning at the Southeast corner of Block 71, Chandeleur Sound Area, having Coordinates of X = 2,620,600.00 and Y = 381,330.00; thence West 2,430.97 feet along the South line of said Block 71 to a point on State Lease No. 12503 having Coordinates of X = 2,618,169.03 and Y = 381,330.00; thence along the boundaries of said State Lease No. 12503 and State Lease No. 6618 the following courses: Northwesterly, Northeasterly, Northwesterly, Westerly and Southwesterly to a point having a Coordinate of X = 2,614,500.00; thence North 400.56 feet to a point having Coordinates of X = 2,614,500.00 and Y = 383,330.00; thence East 6,100.00 feet to a point on the East line of said Block 71 having Coordinates of X = 2,620,600.00 and Y = 383,330.00; thence South 2,000.00 feet to the point of beginning, containing approximately 149.78 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

- NOTE: It appears according to our records that a portion of this tract is located within the restrictive safety fairway area as set out by the Corps of Engineers, U.S. Army.
- NOTE: The above tract is located in an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.
- NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE AGENCY LEASE NO. 16714
EXHIBIT "A"

PORTION OF TRACT 32477 - STATE AGENCY - Lafourche Parish, Louisiana

The State Mineral Board acting on behalf of the Lafourche Parish School Board, pursuant to Resolution adopted by that body and in accordance with Louisiana Revised Statutes 30:121-136 and 151-156, as amended, and Article 12, Section 18 of the Louisiana Constitution of 1921, as amended, which by Section 16 (A) 9, and 16 (B) of Article XIV of the 1974 Constitution is continued as a statute subject to arrangement in proper statutory form or modification provided by law, advertises the following described lands not under mineral lease on April 12, 2000: All of the Southeast Quarter of Section 16, Township 21 South, Range 22 East, Lafourche Parish, Louisiana, **LESS AND EXCEPT** all those portions of State Lease No. 1908, as amended, and the composite acreage of the UPPER 96 SU, created by Conservation Order No. 617 and LL WR 95 RR SU, created by Conservation Order No. 617-H-1, falling within the above described tract, excluding beds and bottoms of all navigable waters located in said section, containing approximately 116 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources.

NOTE: The Lessee shall conduct its operations in such a manner as to reasonably minimize any interference with or disruption of Lessor's use of the surface of the leased property or is use by Lessor's Lessees of hunting, trapping and/or pasturage rights.

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

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STATE AGENCY LEASE NO. 16715
EXHIBIT "A"

PORTION OF TRACT 32478 - STATE AGENCY - Lafourche Parish, Louisiana

A certain tract of land belonging to and not under mineral lease from the Louisiana Department of Transportation and Development, on April 12, 2000, being more fully described as follows: Beginning at a point having Coordinates of X = 2,351,700.00 and Y = 212,600.00; thence North 13,500.00 feet to a point having Coordinates of X = 2,351,700.00 and Y = 226,100.00; thence East 10,000.00 feet to a point having Coordinates of X = 2,361,700.00 and Y = 226,100.00; thence South 13,500.00 feet to a point having Coordinates of X = 2,361,700.00 and Y = 212,600.00; thence West 10,000.00 feet to the point of beginning, containing approximately 27 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE AGENCY LEASE NO. 16716

EXHIBIT "A"

PORTION OF TRACT 32479 - STATE AGENCY - Lafourche Parish, Louisiana

A certain tract of land belonging to and not under mineral lease from the Louisiana Department of Transportation and Development, on April 12, 2000, being more fully described as follows: Beginning at a point having Coordinates of X = 2,351,700.00 and Y = 212,600.00; thence East 10,000.00 feet to a point having Coordinates of X = 2,361,700.00 and Y = 212,600.00; thence South 3,800.00 feet to a point having Coordinates of X = 2,361,700.00 and Y = 208,800.00; thence West 10,000.00 feet to a point having Coordinates of X = 2,351,700.00 and Y = 208,800.00; thence North 3,800.00 feet to the point of beginning, containing approximately 7 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.